



PATENT
Attorney Docket No. STRATA-06663

1651
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Paul Barth Conrad *et al.*
Serial No.: 10/087,641
Filed: 03/01/02
Entitled: **Improved Skin Substitutes And Uses Thereof**

Group No.: 1651
Examiner: Davies, R.

**INFORMATION DISCLOSURE
STATEMENT TRANSMITTAL**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING UNDER 37 CFR § 1.8(a)

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By: 

Mary Ellen Waite

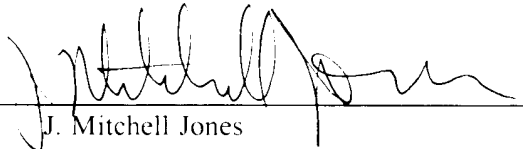
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Enclosed please find an Information Disclosure Statement and Form PTO-1449, including copies of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

A check for \$180.00 is also enclosed pursuant to 37 C.F.R. § 1.17(p) for filing this Information Disclosure Statement after three months as set forth in C.F.R. § 1.97(c).

The Commssioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. **08-1290**. **An originally executed duplicate of this transmittal is enclosed for this purpose.**

Dated: July 15, 2003


J. Mitchell Jones

Registration No. 44,174

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101 Howard Street, Suite 305
San Francisco, California 94105
608/218-6900



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Re Application of: Paul Barth Conrad *et al.*

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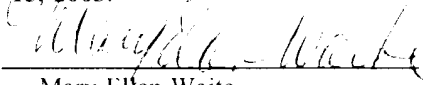
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The citations listed below, copies attached, may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

The following printed publications are referred to in the body of the specification:

- U.S. Patent No. 6,074,859
- U.S. Patent No. 5,976,796
- U.S. Patent No. 5,618,682
- U.S. Patent No. 5,968,546
- U.S. Patent No. 5,693,332
- U.S. Patent No. 4,485,096
- U.S. Patent No. 6,039,760
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- U.S. Patent No. 5,994,115
- U.S. Patent No. 5,658,331
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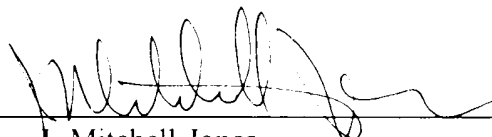
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- Ponec *et al.*, Arch Dermatol Res. 289:317-326 (1997)
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This Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art.

Dated: July 15, 2003

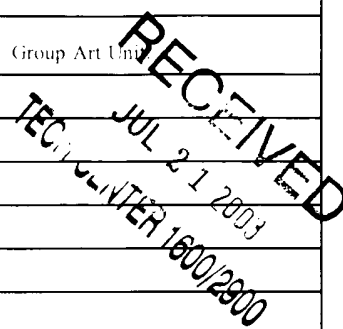
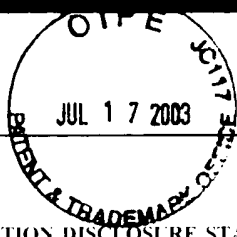


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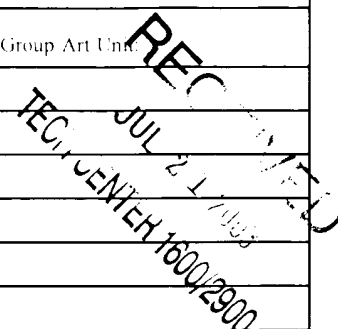
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GRM PTO-14 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: STRATA-06663		Serial No.: 10,087,641		
INFORMATIONAL CLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)				Applicant: Paul Barth Conrad <i>et al.</i>		RECEIVED JUL 21 2003 TECH CENTER 1600/2800		
(37 CFR § 1.98(b))				Filing Date: 03/01/02				Group Art Unit
U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date	
	1	6,074,859	6/13/2000	Hirokawa <i>et al.</i>	435	189	7/8/98	
	2	5,976,796	11/2/1999	Szalay <i>et al.</i>	435	6	12/23/96	
	3	5,618,682	4/8/1997	Scheirer	435	8	2/8/94	
	4	5,968,546	10/19/1999	Baur <i>et al.</i>	424	444	5/15/98	
	5	5,693,332	12/2/1997	Hansbrough	424	426	8/11/95	
	6	4,485,096	11/27/1984	Bell	424	95	5/26/82	
	7	6,039,760	3/21/2000	Eisenberg	623	15	2/16/96	
	8	5,536,656	7/16/1996	Kemp <i>et al.</i>	435	240.23	2/9/94	
	9	5,989,837	11/23/1999	Allen-Hoffmann <i>et al.</i>	435	7.21	7/13/98	
	10	5,994,115	11/30/1999	Meyers	435	235.1	7/22/97	
	11	5,658,331	8/19/1997	Della Valle <i>et al.</i>	623	15	6/7/96	
	12	5,674,713	10/7/1997	McElroy <i>et al.</i>	435	69.7	6/2/95	
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	13	Sando <i>et al.</i> , J. Biol. Chem., 271(36): 22044-51 (1996)						
	14	Watanabe <i>et al.</i> , J. Biol. Chem., 273(16): 9651-5 (1998)						
	15	Ponce <i>et al.</i> , J. Invest. Dermatol., 109(3): 348-55 (1997)						
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	17	Hanley <i>et al.</i> , J. Clin. Invest., 100(3): p. 705-12 (1997)						
	18	Hanley <i>et al.</i> , J. Invest. Dermatol., 113(5): 788-95 (1999)						
	19	Anderson and Young, Quantitative Filter Hybridization, in <i>Nucleic Acid Hybridization</i> [1985]. This reference is a book and is not being supplied at this time. If you Examiner requests it, it will be supplied at that time.						
	20	Smith and Waterman, <i>Adv. Appl. Math.</i> 2: 482 (1981)						
Examiner:				Date Considered:				
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: STRATA-06663	Serial No.: 10/087,641
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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)					
✓	21	Needleman and Wunsch, <i>J. Mol. Biol.</i> 48:443 (1970)			
✓	22	Pearson and Lipman, <i>Proc. Natl. Acad. Sci. (U.S.A.)</i> 85:2444 (1988)			
✓	23	Graham and van der Eb, <i>Virology</i> , 52:456 [1973]			
✓	24	deWet <i>et al.</i> , <i>Mol. Cell. Biol.</i> 7:725 [1987]			
✓	25	Fuchs, <i>J. Cell. Sci. Suppl.</i> , 17: 197-208 (1993)			
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✓	27	Reichert <i>et al.</i> , <i>The cornified envelope: a key structure of terminally differentiating keratinocytes</i> , in <i>Molecular Biology of the Skin</i> , M. Darmon, Editor, 1993, Academic Press, Inc.: San Diego, 107-150 (1993)			
✓	28	Sachsenmeier <i>et al.</i> , <i>J. Biol. Chem.</i> , 271: 5-8 (1996)			
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✓	35	Auger <i>et al.</i> , <i>In Vitro Cell. Dev. Biol. - Animal</i> 36:96-103			
✓	36	Ashill <i>et al.</i> , <i>Pharm. Research</i> 17(9): 1092-97 (2000)			
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✓	55	Stryer <i>et al.</i> , <i>Biochemistry</i> , pg. 17-21, 2nd ed. WH Freeman and Co., 1981			
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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)					
	56	Abe <i>et al.</i> , Am J. Respir Cell Mol Biol., 22:51 [2000]			
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	83	Ponec, Int. J. Cosmetic Sci., 14: 245-264 (1992)			
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Applicant: Paul Barth Conrad *et al.*

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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

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